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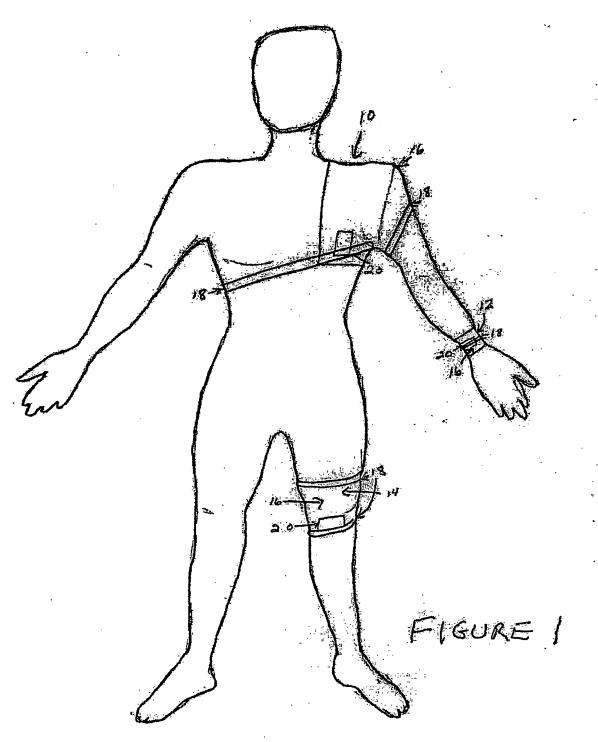
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Title: TI APEUTIC-APPARATUS Invoces: Robert J. EIN DOCKET NO.: 035887/0106





Title: THE SPEUTIC APPARATUS
Inve r(s): Robert J. EIN
DOCKET NO.: 035887/0106

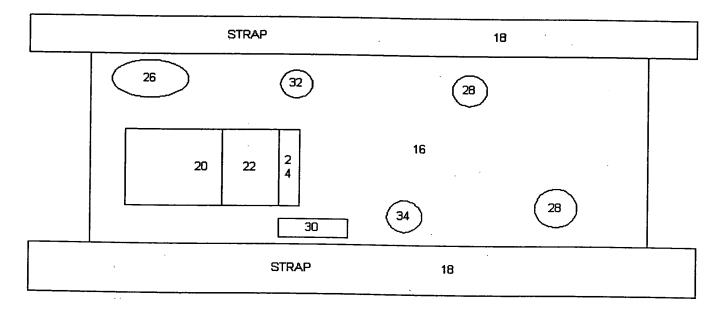
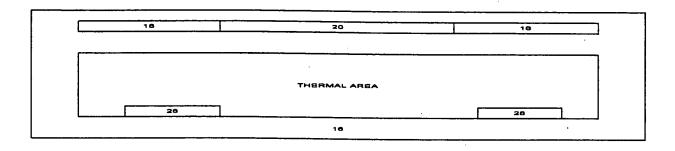


FIGURE 2

Title: THE PEUTIC APPARATUS
Inventor(s): Robert J. EIN
DOCKET NO.: 035887/0106

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EIGURE :

Title: THE APEUTIC APPARATUS
Inventor(s): Robert J. EIN
DOCKET NO.: 035887/0106

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					<u>.                                    </u>					
		42 Outer Ventilated I	Reinforced Layer							
		58 Outer Ventilated	Cushion Layer							
	54 Outer Conductive Layer									
	50 Outer Insulate Layer									
I J. Hills H. J.	52 TE Device	53 Wiring/Tubi	ng Layer							
of the state of th	51 Inner Insulate Layer									
31. Tria		56 Inner Conduc	tive Layer							
		60 Inner Ventilated	Cushion Layer							
har ps. Amag		44 Inner Ventilated Ro	einforced Layer							
	46	62		46						

FIGURE 4A

Title: THE EUTIC APPARATUS
Inventor(s): Robert J. EIN
DOCKET NO.: 035887/0106

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	42 Outer Ventilated Reinforced Layer
	58 Outer Ventilated Cushion Layer
	54 Outer Conductive Layer
	50 Outer Insulate Layer
52 TE Device	53 Wiring/Tubing Layer
	51 inner insulate Layer
	58 Inner Conductive Layer
5	60 Inner Ventilated Cushion Layer
	44 Inner Ventilated Reinforced Layer
46	46

FIGURE 4B

Title: THERAP TIC APPARATUS
Inventor(s, Lobert J. EIN
DOCKET NO.: 035887/0106

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	42 Outer Ventilated Reinforced Layer
	58 Outer Ventilated Cushion Layer
	54 Outer Conductive Layer
	50 Outer Insulate Layer
52 TE Device	53 Wiring/Tubing Layer
	51 Inner Insulate Layer
	56 Inner Conductive Layer
	62 Fluid Transfer Medium Layer
46	46

FIGURE 4C

Title: THE APEUTIC APPARATUS
Inventor(s): Robert J. EIN
DOCKET NO.: 035887/0106

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 		· · · · · · · · · · · · · · · · · · ·			<u> </u>	
 	42 0	uter Ventilated Reinford	ed Layer			
	58 C	Outer Ventilated Cushio	n Layer			
	5	4 Outer Conductive La	ıyer	:	,	
		50 Outer insulate Lay	'er	· .		
	66 C	uter Pressure Pouch/ Bladder Layer				
52 TE Device		53 Wiring/Tubing Lay	er			
	67 In	ner Pressure Pouch/ Bladder Layer				
	•	51 Inner Insulate Lay				
,		56 Inner Conductive La	yer			
	60 1	nner Ventilated Cushio	n Layer			
	44 inr	ner Ventilated Reinforc				
 46.		62		46		

FIGURE 4D

Title: THERAPEUTIC APPARATUS
Invento Robert J. EIN
DOCKET NO.: 035887/0106

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42 Outer Ventilated Reinforced Layer									
58 Outer Ventilated Cushion Layer									
54 Outer Conductive Layer									
		50 Outer Insu	ılate Laye	or					
53 Wiring/Tubing Layer 52 TE Device									
51 Inner Insulate Layer									
56 Inner Conductive Layer									
60 Inner Ventilated Cushion Layer									
44 Inner Ventilated Reinforced Layer									
46 62	63	64		65		68		69	

FIGURE 4E

Title: THERAPEUTIC APPARATUS Inverse: Robert J. EIN DOCKET NO.: 035887/0106

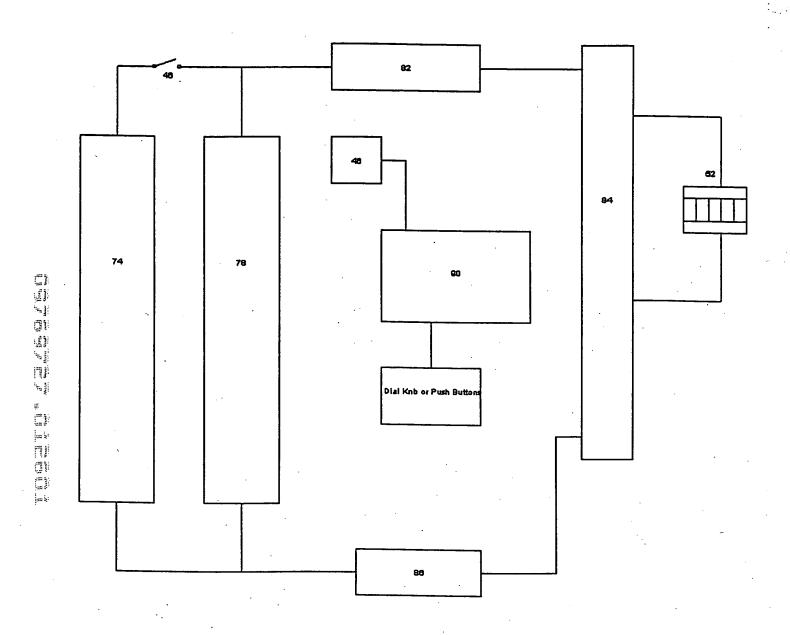


FIGURE 5

Title: THERA JTIC APPARATUS
Inventor(s): Robert J. EIN
DOCKET NO.: 035887/0106

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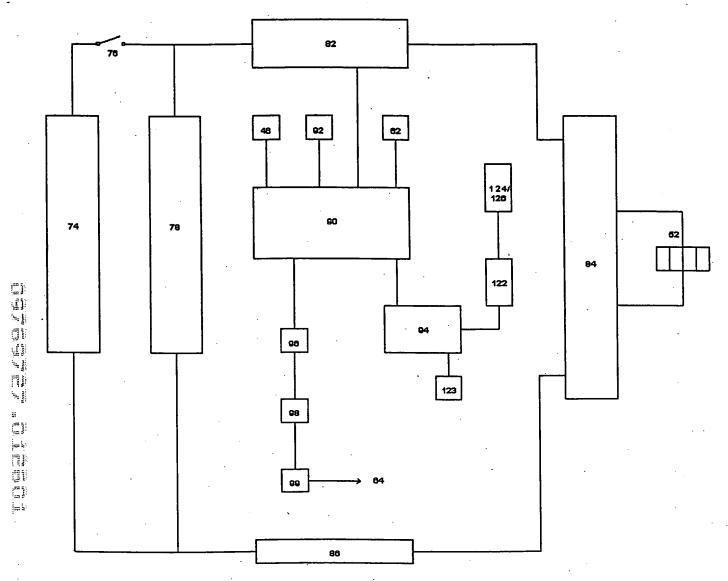


FIGURE 6

Title: THE PEUTIC APPARATUS
Inventor(s): Robert J. EIN
DOCKET NO.: 035887/0106

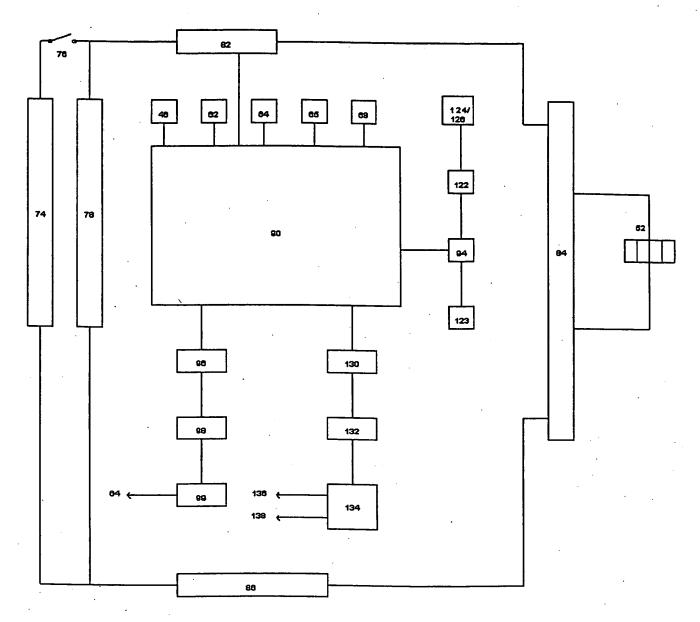


FIGURE 7

Title: TI APEUTIC APPARATUS

Inventor(s): Robert J. EIN DOCKET NO.: 035887/0106

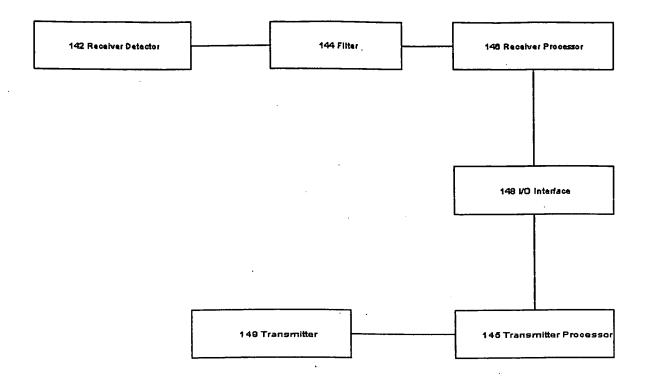


FIGURE 8

Title: THERAPEUTIC APPARATUS In tor(s): Robert J. EIN DOCKET NO.: 035887/0106

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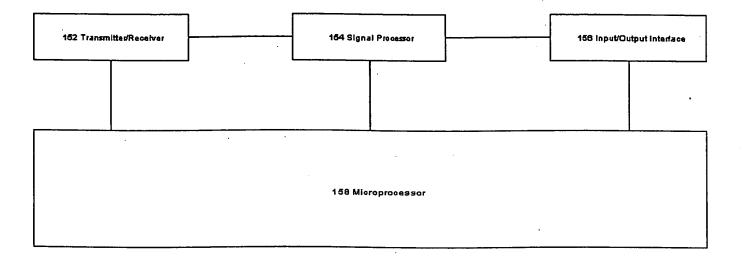


FIGURE 9

Title: THE APEUTIC APPARATUS

Invertor(s): Robert J. EIN DOCKET NO.: 035887/0106

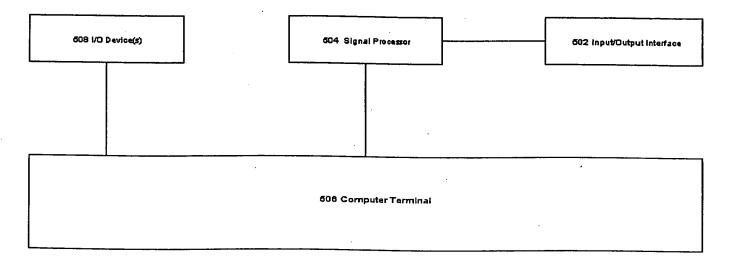


FIGURE 10

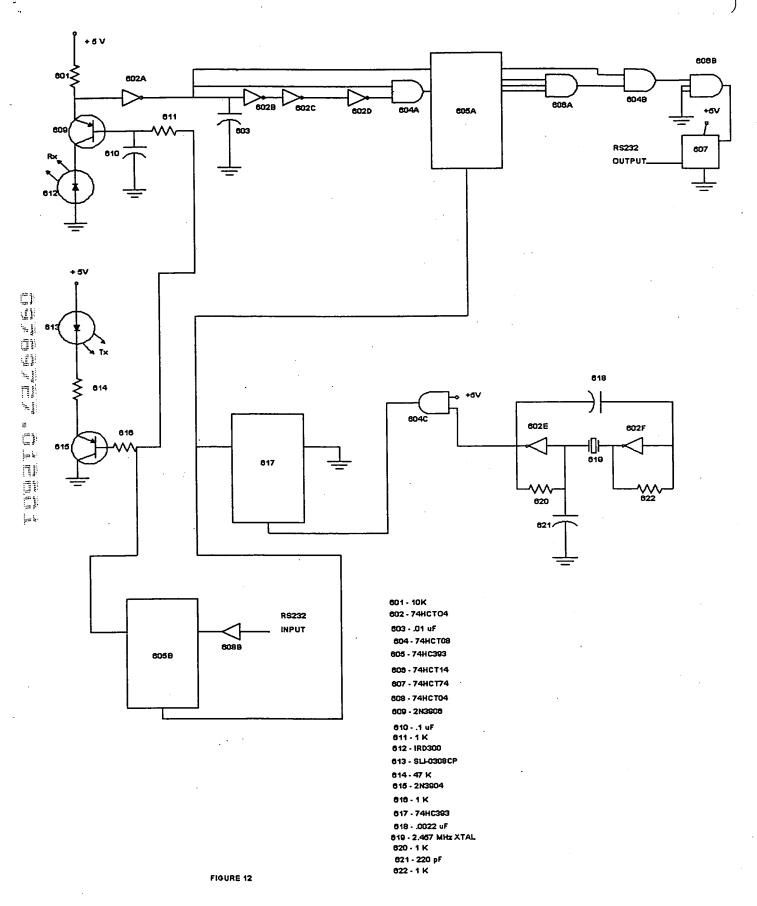
Title: THE PEUTIC APPARATUS
Invent. (s): Robert J. EIN
DOCKET NO.: 035887/0106

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FIGURE 11

### Title: THERAPH C APPARATUS Inventor(s): Robert J. EIN

DOCKET NO.: 035887/0106



Title: THE PEUTIC APPARATUS

Inventor(s): Robert J. EIN DOCKET NO.: 035887/0106

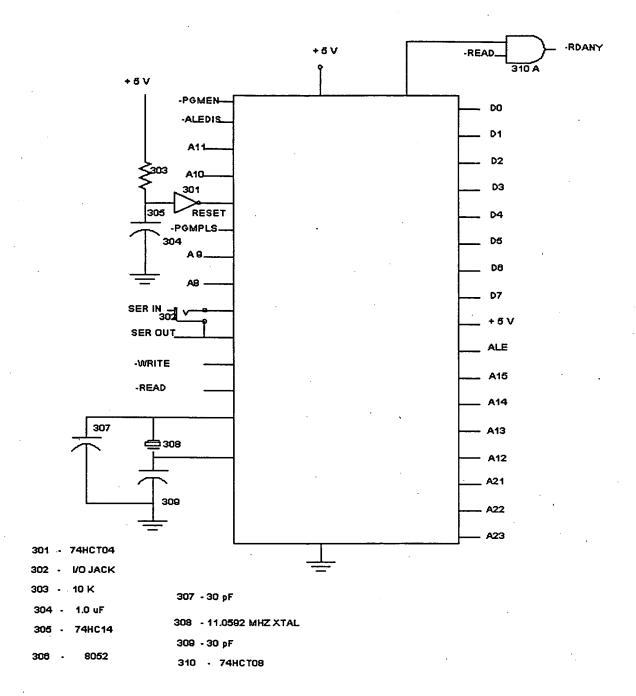
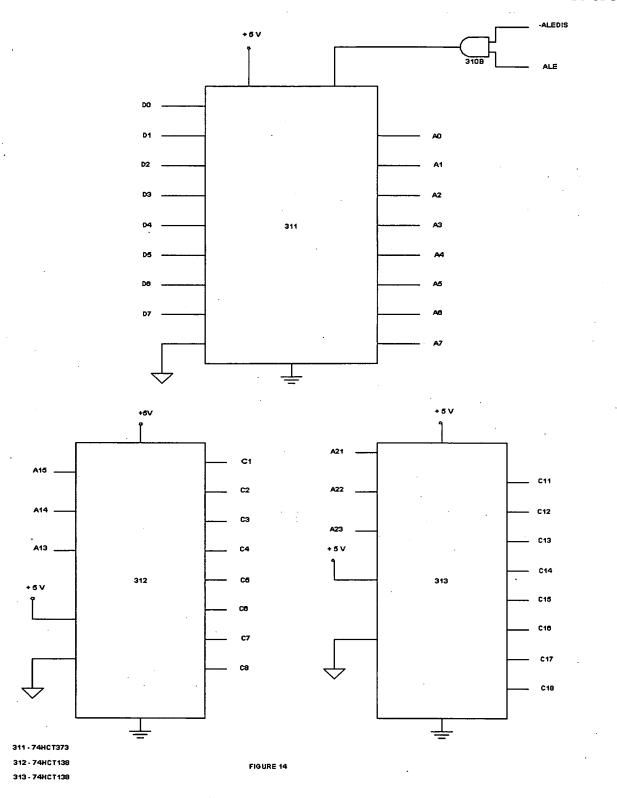


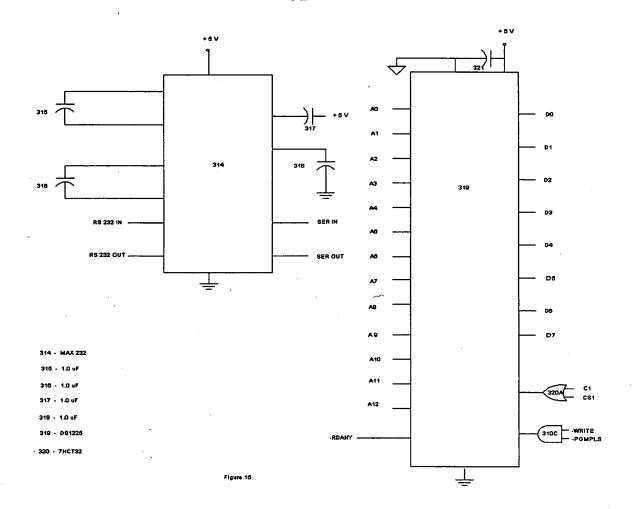
FIGURE 13

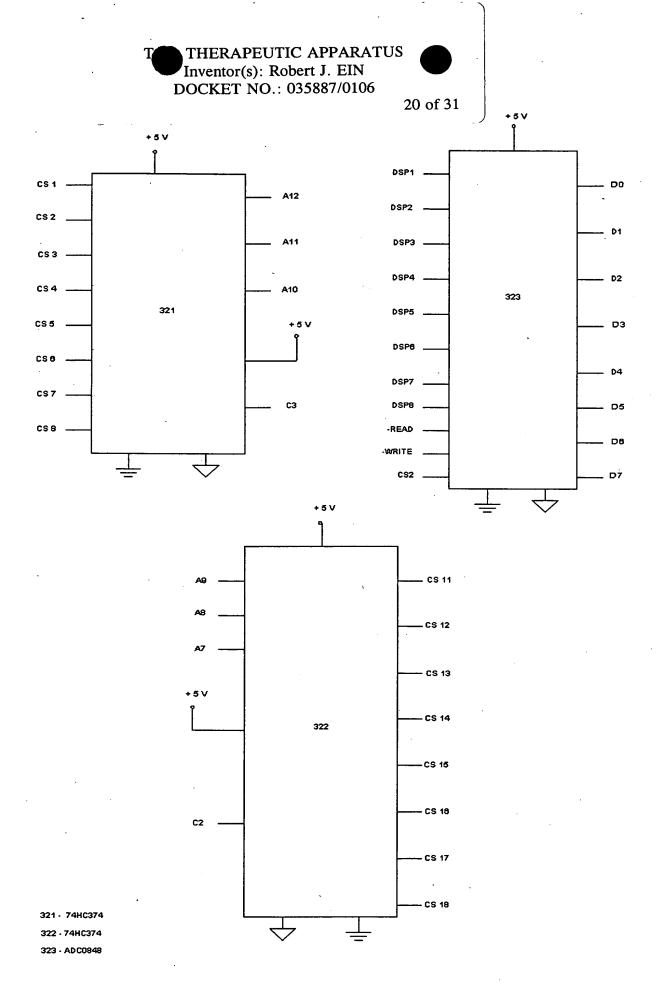
#### Title: THER SUTIC APPARATUS

Inventor(s): Robert J. EIN DOCKET NO.: 035887/0106



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Inventor(s): Robert J. EIN
DOCKET NO.: 035887/0106





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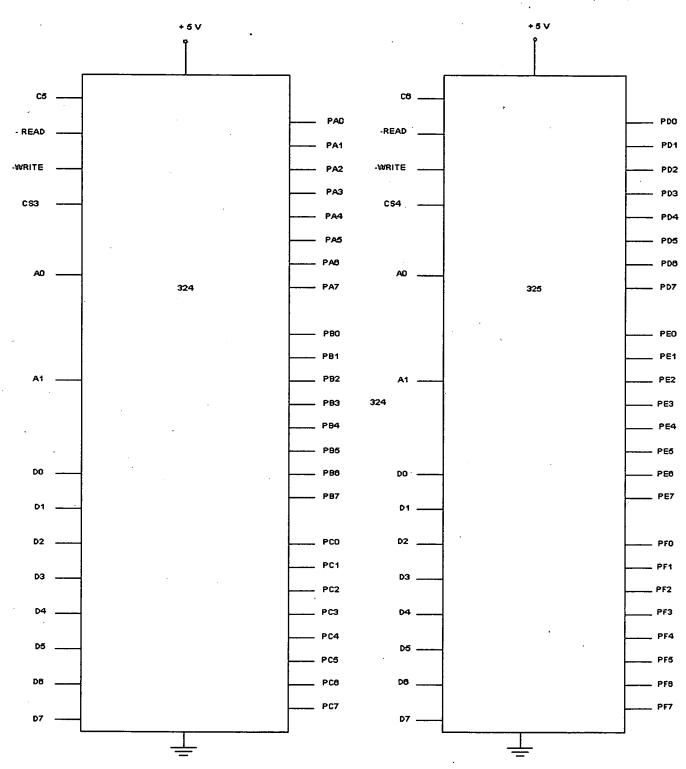
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Title: THERAPEUTIC PPARATUS
Inventor(s): Rob J. EIN

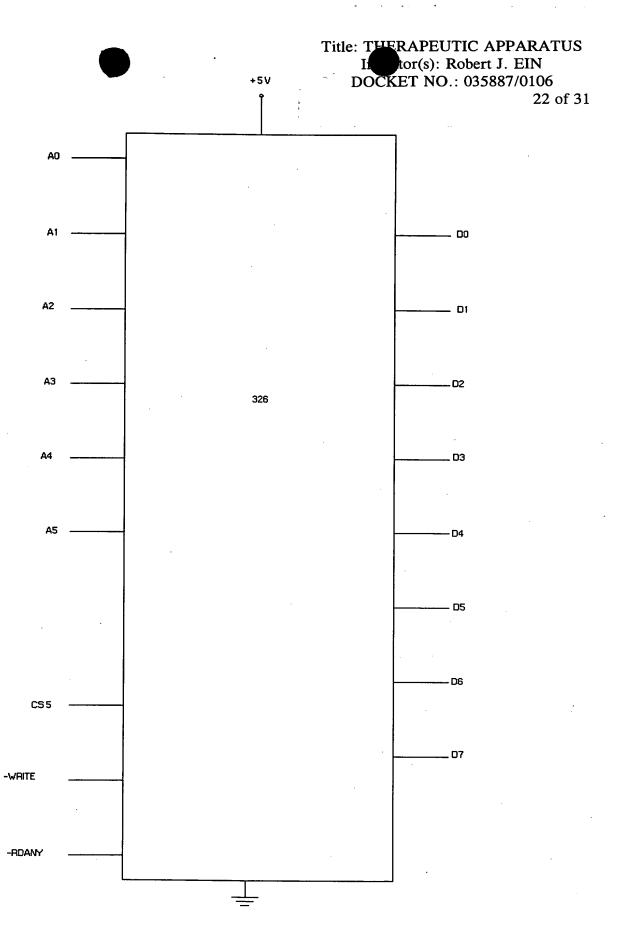
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324 - 82055

325 - 82055

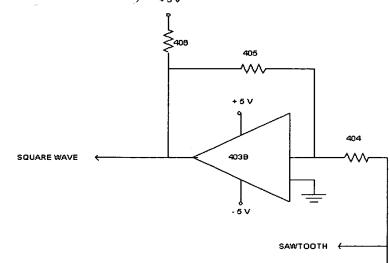


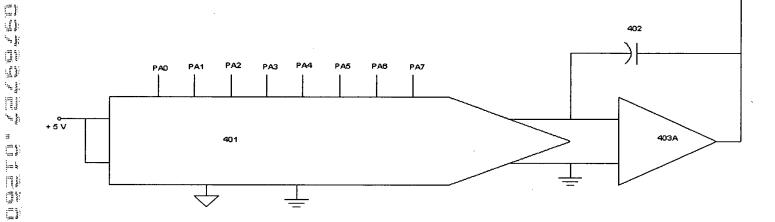
Title: THERAPEUTIC APPARATUS Robert J. EIN Invento DOCKET NO.: 035887/0106 23 of 31 + 5V 310D 310C 310B 00 208A D1 -+5V D2 DG ≶207 201 205 **D**4 05 208 **D6** CS 07 203 FIGURE 19 A 201 - 74HC156 211 202 - 390 uF 203 -220 204 - 390 pF 210 205 - D31630 205 - 74HCT04 207 - 330 208 · L293D 209 - MI1015T 210 - 6 V DC 211 - FUSE FIGURE 19 B 212 - 2N2573 213 - 0.1 UF 214 - 10 215 - 220 216 - 1N9Z3Z 217 - 100UF 218 \$18 - 0.1 uF 219 - MAX735 219 220 - 10DuH 221 - 1N8817 222 - 0.01 uF 223 - 0.01 uF 224 - 470 UP

Figure 19 C

Inventor(s): Robert J. EIN DOCKET NO.: 035887/0106

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401 - DAC0832

402 - 1.0 uF

403 - LM392

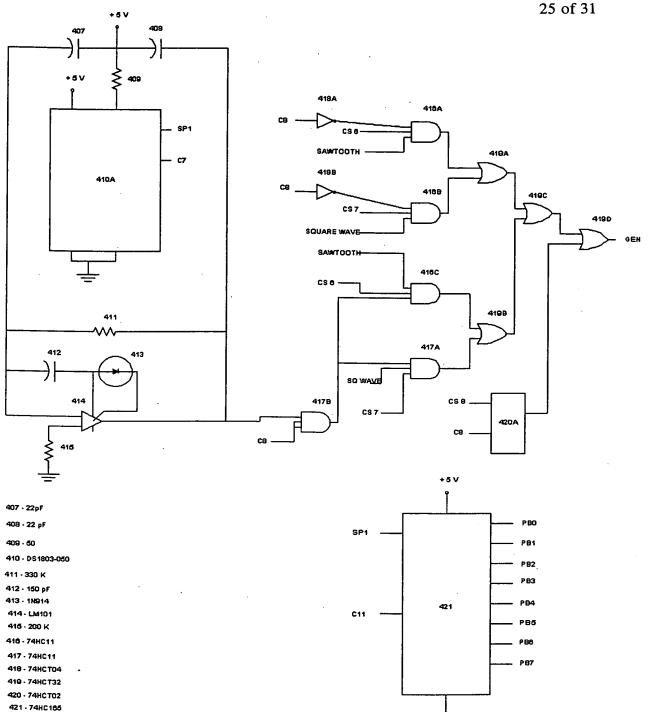
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405 - 300K

408 - 2K



Inventor(s): Robert J. EIN DOCKET NO.: 035887/0106



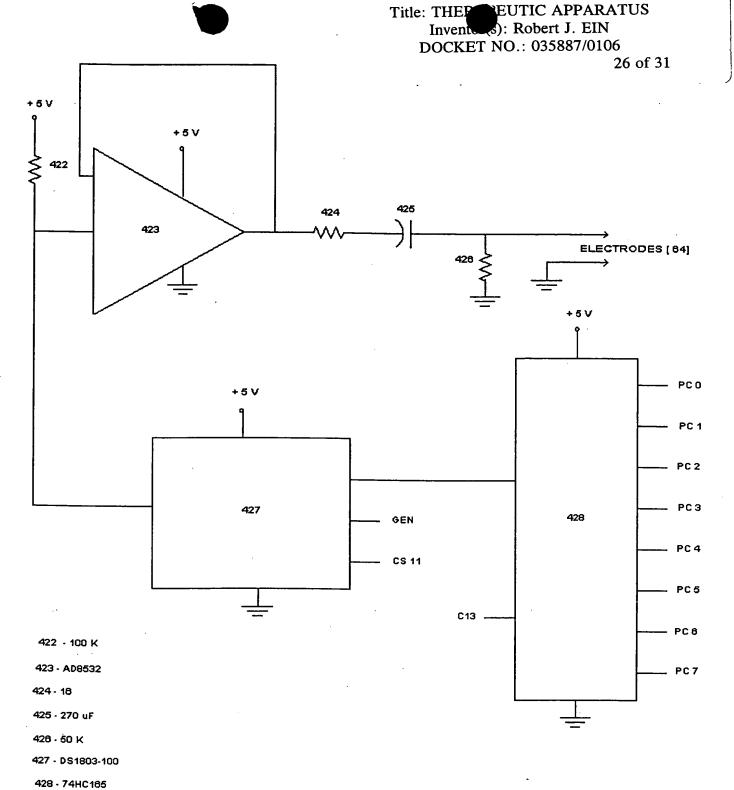
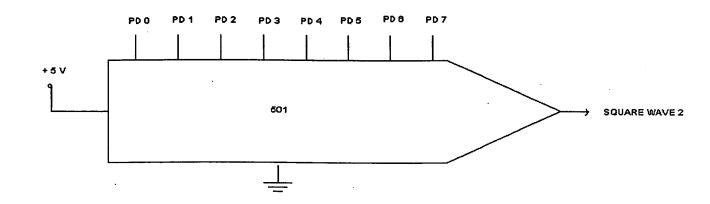


FIGURE 22

Title: THERATUS Inventor Robert J. EIN
DOCKET NO.: 035887/0106

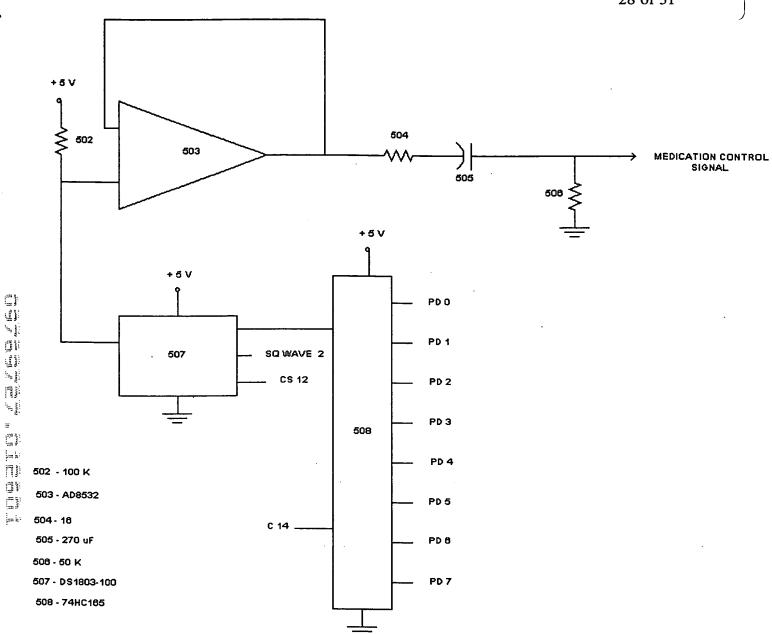
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501 - DAC0832

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FIGURE 23



Title: THY PEUTIC APPARATUS
Investigation (s): Robert J. EIN

DOCKET NO.: 035887/0106

29 of 31 + 5 V PEO PE 1 PE 2 PE3 PE 4 PE 5 CS 13\_ PE 6 PE7 +5 V 510 515 512 511 513 CS 14-514

513 - MEDICATION RESEVIOR 514 - TUBING

511 - NB30005043 512 - SHAFT

509 - 74HC185 510 - DS1803-100

515 - 300 K



**ELECTRODE 138** 

MEDICATION CONTROL SIGNAL

Title: THE APEUTIC APPARATUS

Inventor(s): Robert J. EIN DOCKET NO.: 035887/0106

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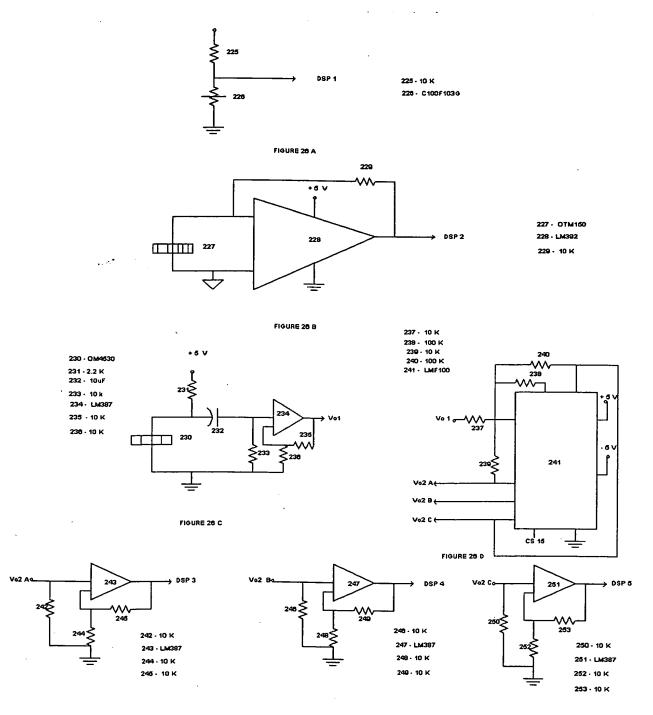


FIGURE 28 E

FIGURE 26 F

FIGURE 28 G

# Title: THERA TITIC APPARATUS Inventor (Sp. 1780) Robert J. EIN DOCKET NO.: 035887/0106

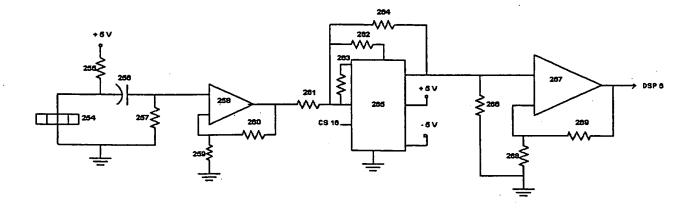


FIGURE 27 A

